## EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 1 | "6944148".pn. | US-PGPUB; USPAT | OR | ON | 2009/06/09 11:32 |
| S1 | 98 | HPNA | USPAT | OR | ON | 2005/09/20 15:14 |
| S2 | 6 | ("20020003835" "6922407" "200200114325" "6801541" "6781989" "6894999" "6701406").pn. | US-PGPUB; USPAT | OR | ON | 2005/12/15 17:36 |
| S3 | 8 | ("20020126693" \| "20030072316" \| "6094441" \| "6269104" \| "6292467" \| "6421735" \| "6496869" \| "6768720").PN. OR ("6909725").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/19 16:21 |
| S4 | 76 | HomePNA | USPAT | OR | ON | 2005/12/19 16:47 |
| S6 | 66 | HomePNA and block$3 | USPAT | OR | ON | 2005/12/19 16:50 |
| S8 | 5 | HomePNA and (block$3 near5 frame) | USPAT | OR | ON | 2005/12/19 16:50 |
| S12 | 166 | HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance) | USPAT | OR | ON | 2005/12/19 17:18 |
| S13 | 24 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block$ near5 frame) | USPAT | OR | ON | 2005/12/19 16:53 |
| S14 | 10 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (block$ adj frame) | USPAT | OR | ON | 2005/12/19 16:56 |
| S16 | 7 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and (Blocking adj frame) | USPAT | OR | ON | 2005/12/19 16:58 |
| S17 | 20 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and Blocking | USPAT | OR | ON | 2005/12/19 16:58 |
| S18 | 51 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision$1 | USPAT | OR | ON | 2005/12/19 17:18 |

| S19 | 19 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision$1 and capacity | USPAT | OR | ON | 2005/12/19 17:21 |
| S20 | 7 | (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) and collision$1 and capacity and IFG | USPAT | OR | ON | 2005/12/19 17:21 |
| S21 | 137 | (blocking adj frame) | USPAT | OR | ON | 2005/12/20 15:34 |
| S24 | 104 | @ad<"20010220" and (blocking adj frame) | USPAT | OR | ON | 2005/12/20 15:35 |
| S25 | 108 | (@ad<"20010220" or @rlad<"20010220") and (blocking adj frame) | USPAT | OR | ON | 2005/12/20 15:36 |
| S26 | 19 | ((@ad<"20010220" or @rlad<"20010220") and (blocking adj frame)) and network | USPAT | OR | ON | 2005/12/20 15:36 |
| S27 | 34 | ("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495").pn. | USPAT | OR | ON | 2005/12/20 16:51 |
| S28 | 7 | ("6922407" "6894999" "6801541" "6781989" "6791406" "20020114325" "20020003835").pn. | US-PGPUB; USPAT | OR | ON | 2005/12/20 16:51 |
| S29 | 6 | ("6970422" "6963545" "6950397" "6862270" "6850981" "6804222").pn. | USPAT | OR | ON | 2006/05/18 08:42 |
| S30 | 218 | (blocking adj frame) | US-PGPUB; USPAT | OR | ON | 2006/05/18 13:36 |
| S32 | 25 | (blocking adj frame) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) | US-PGPUB; USPAT | OR | ON | 2006/05/18 13:36 |

| S33 | 1 | "5572678".pn. | USPAT | OR | ON | 2006/05/18 16:45 |
|-----|-----|---------------|-------|-----|-----|-------------------|
| S34 | 859 | 370/376,458,459.ccls. | USPAT | OR | ON | 2006/05/30 13:50 |
| S35 | 362 | 370/376,458,459.ccls. and duration | USPAT | OR | ON | 2006/05/18 16:46 |
| S36 | 2 | 370/376,458,459.ccls. and duration and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) | USPAT | OR | ON | 2006/05/18 16:46 |
| S37 | 9177 | ((home adj network$3) or HN) | USPAT | OR | ON | 2006/05/30 13:30 |
| S38 | 176 | telephone near5 ((home adj network$3) or HN) | USPAT | OR | ON | 2006/05/30 13:30 |
| S39 | 290 | @ad< "20010220" and ((telephone near5 ((home adj network$3) or HN)) or HPN) | USPAT | OR | ON | 2006/05/30 13:31 |
| S40 | 228 | ("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") | USPAT | OR | ON | 2006/05/30 13:33 |
| S41 | 120 | @ad< "20010220" and ("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") | USPAT | OR | ON | 2006/05/30 18:00 |
| S42 | 41 | S41 and collision$1 | USPAT | OR | ON | 2006/05/30 15:17 |
| S44 | 10 | ("6862270" "6804222" "6970422" "6850981" "6999442" "6950397" "7031287" "7039032" "6747959" "6963545").pn. | USPAT | OR | ON | 2006/05/30 14:13 |
| S45 | 120 | @ad< "20010220" and ("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") | USPAT | OR | ON | 2006/05/31 15:16 |
| S46 | 7 | S45 and ((frame or packet) adj priorit$3) | USPAT | OR | ON | 2006/05/30 17:55 |
| S47 | 25 | @ad< "20010220" and "PRI 7" | USPAT | OR | ON | 2006/05/30 18:08 |

| S48 | 2136 | @ad<"20010220" and (("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") and "Medium Allocation Element" or MAE) | USPAT | OR | ON | 2006/05/30 18:01 |
|-----|------|------|-------|----|----|---------|
| S49 | 148 | "Beacon frame" | USPAT | OR | ON | 2006/05/30 18:08 |
| S50 | 94 | @ad<"20010220" and "Beacon frame" | USPAT | OR | ON | 2006/05/30 18:10 |
| S53 | 45 | medium adj allocation | USPAT | OR | ON | 2006/05/30 18:11 |
| S56 | 339 | management adj frame | USPAT | OR | ON | 2006/05/30 18:12 |
| S57 | 51 | management adj frame and beacon | USPAT | OR | ON | 2006/05/30 18:12 |
| S58 | 13 | management adj frame near5 beacon | USPAT | OR | ON | 2006/05/30 18:15 |
| S59 | 41 | ("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn. | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:18 |

| S60 | 6 | ("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn. and beacon | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:30 |
| S61 | 4 | ("6788950" "6785252" "6765872" "6754176" "6747968" "6741576" "6738361" "6728365" "6704932" "6704321" "6640248" "6628629" "6625156" "6600744" "6597682" "6587453" "6567416" "6567408" "6563793" "6538989" "6452915" "6411611" "6377548" "6366577" "6317438" "6262976" "6119214" "6115390" "6034967" "5982748" "5949768" "5717688" "5638371" "5623495" "6922407" "6894999" "6801541" "6781989" "6701406" "20020114325" "20020003835").pn. and beacon and backoff | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:34 |
| S66 | 108 | (medium adj allocation) | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:30 |
| S67 | 5 | (medium adj allocation) and beacon | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:30 |
| S68 | 34 | beacon and (backoff near5 priorit$3) | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:34 |
| S69 | 4 | @ad< "20010220" and (beacon and (backoff near5 priorit$3)) | US-PGPUB; USPAT | OR | ON | 2006/05/30 18:35 |

| S70 | 1 | @ad<"20010220" and (("HomePNA 2.0" or "Home Phoneline Networking Alliance" or "HomePNA" or "HPNA" or "HPNA v2") and remap$5 and priorit$3) | USPAT | OR | ON | 2006/05/31 15:16 |
|-----|---|---|---|---|---|---|
| S71 | 11 | ("20020031123" \| "20040062225" \| "5220565" \| "6134232" \| "6175590" \| "6222841" \| "6522665" \| "6697378").PN. OR ("6882634").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 15:18 |
| S73 | 15 | @ad<"20010220" and (remap$5 near5 priorit$3) | USPAT | OR | ON | 2006/05/31 18:02 |
| S74 | 1 | "6732315".pn. | US-PGPUB; USPAT | OR | OFF | 2006/11/20 15:02 |
| S75 | 0 | @ad<"20010220" and (("medium allocation element" or (MAE)) and (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))) | US-PGPUB; USPAT | OR | OFF | 2006/11/20 15:03 |
| S76 | 2477 | "802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance)) | US-PGPUB; USPAT | OR | OFF | 2006/11/20 15:05 |
| S77 | 639 | @ad<"20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))) | US-PGPUB; USPAT | OR | OFF | 2006/11/20 15:10 |
| S78 | 34 | @ad<"20010220" and ("802.11n" or ("HomePlug AV" or HomePlug) or (MoCA or ("Multimedia over Coax")) or (HomePNA or HPNA or (Home adj Phoneline adj Network adj Alliance))) and ((MAP or "Media Allocation Point") or (MAE or "Medium Allocation Element")) | US-PGPUB; USPAT | OR | OFF | 2006/11/20 15:11 |
| S79 | 8 | ("6118793" "7068649" "6961344" "6137793" "7035270" "7010051" "6252881" "7197244").pn. | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:17 |

| S80 | 3 | @ad<"20010220" and (("Home Phoneline Network" or HPN) same (frame$1 or packet$1 or cell$1) same block$3) | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:21 |
|-----|---|---|---|---|---|---|
| S81 | 36 | @ad<"20010220" and (("Home Phoneline Network" or HPN) same (frame$1 or packet$1 or cell$1)) | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:46 |
| S82 | 99 | @ad<"20010220" and (Inter adj frame adj gap) | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:52 |
| S83 | 4 | @ad<"20010220" and ((Inter adj frame adj gap) and ("Home Phoneline Network" or HomePNA)) | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:52 |
| S84 | 5 | @ad<"20010220" and (recogniz$3 same (Inter adj frame adj gap)) | US-PGPUB; USPAT | OR | ON | 2007/06/27 14:53 |
| S85 | 0 | @ad<"20010220" and (blocking adj frame) same deriv$7 | USPAT | OR | ON | 2008/11/20 16:14 |
| S86 | 2 | @ad<"20010220" and (blocking adj frame) same content | USPAT | OR | ON | 2008/11/20 16:15 |
| S87 | 2 | (@ad<"20010220" or @rlad<"20010220") and (blocking adj frame) same content | USPAT | OR | ON | 2008/11/23 16:27 |
| S88 | 5 | (@ad<"20010220" or @rlad<"20010220") and block$3 adj (frame or packet or PDU) same content same deriv$7 | USPAT | OR | ON | 2008/11/23 16:27 |
| S89 | 167 | (@ad<"20010220" or @rlad<"20010220") and block$3 adj (frame or packet or PDU) same deriv$7 | USPAT | OR | ON | 2008/11/23 16:37 |
| S90 | 167 | (@ad<"20010220" or @rlad<"20010220") and block$3 adj (frame or packet or PDU) same deriv$7 | USPAT | OR | ON | 2008/11/23 16:37 |
| S91 | 21 | S90 and "370".clas. | USPAT | OR | ON | 2008/11/23 16:37 |
| S92 | 106 | (@ad<"20010220" or @rlad<"20010220") and (frame or packet or PDU) same (transmission adj duration) | USPAT | OR | ON | 2008/11/23 16:40 |

| S93 | 4 | (@ad<"20010220" or @rlad<"20010220") and (frame or packet or PDU) same (transmission adj duration adj field) | USPAT | OR | ON | 2008/11/23 16:40 |
| S94 | 165 | (@ad<"20010220" or @rlad<"20010220") and (frame or packet or PDU) same Chaff | USPAT | OR | ON | 2008/11/23 16:42 |
| S95 | 3 | (@ad<"20010220" or @rlad<"20010220") and (frame or packet or PDU) adj Chaff | USPAT | OR | ON | 2008/11/23 16:42 |
| S96 | 8 | (@ad<"20010220" or @rlad<"20010220") and Chaff adj packet | US-PGPUB; USPAT | OR | ON | 2008/11/23 16:43 |
| S97 | 247 | @ad<"20010220" and "370". clas. and "EFS" | US-PGPUB; USPAT | OR | ON | 2008/11/23 16:53 |
| S98 | 3 | ((Home adj phonline adj network) or HPN) and ((Inter-frame or inter adj frame) adj gap) | US-PGPUB; USPAT | OR | ON | 2009/01/29 22:34 |
| S99 | 408 | ((Inter-frame or inter adj frame) adj gap) | US-PGPUB; USPAT | OR | ON | 2009/01/29 22:34 |
| S100 | 364 | ((Inter-frame or inter adj frame) adj gap) and block$3 | US-PGPUB; USPAT | OR | ON | 2009/01/29 22:34 |
| S101 | 4 | (709/230,236.ccls. or 370/376,458,459.ccls.) and (Home adj Phoneline adj Network) | US-PGPUB; USPAT | OR | ON | 2009/01/29 23:13 |
| S102 | 1 | "7400643".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/21 10:37 |

**6/ 9/ 2009 11:33:08 AM**
**C:\ Documents and Settings\ abaturay\ Alicia's Documents\ EAST Searches\ 10042143-HPNANetwork.wsp**